

**2024 Global Ophthalmology Summit
Abstract Presentations**

As of August 7, 2024

Poster Number	First Name	Last Name	Country	Poster Date	Title
63	Evan	Afshin	United States	Saturday	Geospatial Resolution of Ophthalmic Needs in Ghana and Mongolia
1	Emmanuel	Agu	United States	Friday	Are the More Difficult Children to Reach More Likely to Have Trachoma?
64	Karl	Aharonian	United States	Saturday	Climate and Rhegmatogenous Retinal Detachment: A Comprehensive Review and Future Research Guidelines
2	Himani	Akula	United States	Friday	Leveraging technologies, healthcare collaboration, and community outreach to improve vision care accessibility for school-aged children affected by social determinants of health
3	Karen	Allison	United States	Friday	Disparities in the diagnosis and treatment of glaucoma in African and Hispanic Communities in the United States and beyond.
65	Hari Bhadari	Anand	India	Saturday	Greening Eye Care - Environmental Sustainability of Telemedicine at a Tertiary Eye-Care Centre in South India
4	Mattan	Arazi	Israel	Friday	Retinoblastoma "Silk Road" Referral Pathway
66	Mattan	Arazi	Israel	Saturday	Shaping Global Ophthalmology in the Middle East
5	Nuha	Arefin	United States	Friday	A Scoping Review of Eye Disorders and Unmet Eye Care Needs in Refugee Populations
6	Lokeshwari	Aruljyothi	India	Friday	Comparative Study: Evaluation of Visual Acuity Measurements Using PEEK Acuity Application by Non-Eye Care Workers Versus Snellen's Vision Screening by Trained Refractionists
67	Lokeshwari	Aruljyothi	India	Saturday	Smartphone Applications in Ophthalmology: A quantitative Analysis
68	Thilaka	Arunachalam	United States	Saturday	Barriers to Implementing Fundus Imaging and Automated Detection of Diabetic Retinopathy in Rural Vision Centers: Insights from the Aravind Eye Care Network, Tamil Nadu
69	Helia	Ashourizadeh	United States	Saturday	Estimated Carbon Emissions Savings with a Teleophthalmology Emergency Department Follow-up Clinic
7	Rocio	Banegas	Honduras	Friday	Mapping Human Resources to Guide Ophthalmology Capacity Building Projects in Honduras: Sub-national Analyses of Physician Distribution and Surgical Practices
8	Kellyn	Bellsmith	United States	Friday	Epidemiology of Pediatric Eye Conditions Detected by Photoscreening in an American Samoan Population
70	Kellyn	Bellsmith	United States	Saturday	Development of a Pediatric Vision Screening Program in American Samoa through Public-Private-Academic Partnership
9	Sandhiprakash	Bhide	United States	Friday	Addressing the Uncorrected Refractive Error problem of 950M people/239M children around the globe who cannot afford to pay for the eyeglasses with Divya Drishti™ Secure and comprehensive AI SaaS Platform for spectacle Distribution, Logistics, and Channel
10	Mostafa	Bondok	Canada	Friday	Indigenous Eye Health in Canada: Disparities in Ocular Disease and Recommendations
62	Arthur	Bryant	United States	Friday	Sickle Cell Retinopathy and Diabetic Retinopathy among Senior High School Students in Ghana

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Poster Number	First Name	Last Name	Country	Poster Date	Title
71	Tommy	Bui	United States	Saturday	Application of Implementation Research Models to Expand Free Vision Screenings in Georgia
72	Caroline	Campbell	United States	Saturday	Different Models of Ophthalmology Care for Unhoused Patients
73	Cameron	Carpenter	United States	Saturday	Drivers of Geographic Inequity: Differences in Physician Medicare Reimbursement, Characteristics, and Patient Populations Between Rural and Urban Ophthalmologists in the United States
11	Marina	Carro	United States	Friday	Relevance and Utility of the American Board of Ophthalmology's Quality Improvement Measures in Determining Quality of Documentation for Small Incision Cataract Surgery in Riobamba, Ecuador
74	Nicole	Carvajal	United States	Saturday	Comparing efficacy, patient adherence, and satisfaction of a dropless postoperative regimen against a standard drop regimen after cataract surgery in an underserved population
75	Stephen	Chai	United States	Saturday	The State of Global Ophthalmology Programs and Fellowships
12	Reena	Chandra	United States	Friday	Empowering Women and Enhancing Eye Care Access: The Aadya Initiative
13	Shivam	Chandra	United States	Saturday	Racial Disparities in Anti-Medicine Therapy for Neovascular Age-Related Macular Degeneration
14	Munazzah	Chou	United Kingdom	Friday	Global Ophthalmology in Residency Training: Perspectives from the United Kingdom and the United States
15	Thomas	Claringbold	United States	Friday	Using Global Health Strategies to Increase Access to Diabetic Eye Care in Rural Northern Michigan: A Human-Centered Design Approach
76	Wyatt	Corbin	United States	Saturday	Assessment of Primary Care to Eye Care Referral Practices in Chicagoland Safety-Net Clinics
77	Deena	Dahshan	United States	Saturday	Ophthalmic care in Rural Appalachia: Appalachian Vision Outreach Program (AVOP)
78	Taylor	DeHart	United States	Saturday	Assessing Eye Disease & Advanced Care Accessibility at a Community Free Eye Clinic
16	Andrew	DesLauriers	United States	Friday	Evaluating Counting Fingers vs. Snellen Chart Methods for Visual Acuity in Kumasi, Ghana
17	Nitya	Devireddy	United States	Friday	A Cross-Sectional Survey to Investigate Compliance with Eye Drops after Cataract Surgery in Koforidua, Ghana
79	Ayisha	Diop	United States	Saturday	Tried and Tested: Considerations to Improving Global Eye Health Outcomes for Women and Girls
18	James	Ellis	United States	Friday	A Comprehensive Review of Global Ophthalmology Educational Opportunities as Advertised on the Websites of United States Residency Programs
19	Britton	Ethridge	United States	Friday	Economic and Emotional Impact of Cataract Surgery on Patients by Gender in Honduras
20	Samar	Farahat	Egypt	Friday	effectiveness and adverse events associated with the surgical treatment of cataracts

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21	Iman	Farooqi	United States	Friday	A Cross-Sectional Survey to Investigate Compliance with Eye Drops after Cataract Surgery in Koforidua, Ghana
22	Marissa	Firlie	United States	Friday	Computer Vision Identification of Trachomatous Inflammation-Follicular using Deep Learning
23	Kannan	Freyaldenhoven	United States	Friday	Weathering the Glaucoma Storm: Investigating Seasonal Patterns in Online Interest and Climate Correlates
24	Pinamang	Frimpong Gyamfi	Ghana	Friday	Determining Provider Practices in the Diagnosis and Treatment of Ocular Toxoplasmosis in Ghana: A Survey.
25	Mam Jarra	Gai	United States	Friday	Bridging Quantitative and Qualitative Insights: A Mixed Methods Inquiry into the Gambia National Eye Care Program among Students
80	Mam Jarra	Gai	United States	Saturday	Illuminating Perspectives: Navigating Eye Care Access in Sub-Saharan Africa through the Social Determinants of Health
126	Julietta	Gervase	United States	Saturday	Scheduling Trends at a Free Eye Clinic in Philadelphia
26	Suzanne	Gilbert	United States	Friday	Where's the Evidence? Building Local Research Capacity: A Challenge to Global Ophthalmology
27	Deniz	Goodman	United States	Friday	Assessing Large Language Models' Diagnostic Accuracy for Ophthalmic Conditions in Barbados with Multimodal Inputs
81	Courtney	Goodman	United States	Saturday	Comparison of Tobramycin/Dexamethasone Eye Drops Versus Artificial Tears After One-Time Povidone-Iodine Administration for the Management of Presumed Viral Conjunctivitis Outbreak: A Randomized Controlled Trial
82	Scott	Herrod	United States	Saturday	Authorship Representation in Global Eye Health Research Conducted in Sub-Saharan Africa
28	Isabel	Hsu	United States	Friday	Combination tropicamide-phenylephrine dilation drops are not inferior to standard regimen dilation drops for cataract surgery
84	Crystal	Huang	United States	Saturday	Childhood vision impairment and blindness in West Africa: public health measures and implications for systemic health
29	Mariam	Issa	Canada	Friday	Ophthalmic findings in marginally housed women in a Canadian city
85	Armaan	Jaffer	Canada	Saturday	A Systematic Review of Diabetic Retinopathy Screening in Canada: Barriers to Care & Interventions
30	Otana	Jakpor	United States	Friday	International Electives During Ophthalmology Residency: Opportunities, Barriers, and Career Impacts
31	Marycon	Jiro	United States	Friday	Survey-Based Assessment of Patient Experiences Regarding Diabetic Eye Care in a Safety-Net Hospital
86	Jamison	Jones	United States	Saturday	Causes of Poor Visual Outcomes After Cataract Surgery in Residential and Community-Dwelling Populations in India
32	Natasha	Kesav	United States	Saturday	Post anti-TB therapy inflammation in tubercular serpiginous-like choroiditis

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55	Muhammad Hamm	Khan	Pakistan	Friday	Results of the Rapid Assessment of Avoidable Blindness Report: A Survey of 15 Districts of Pakistan
87	Hadi	Khazaei	United States	Saturday	AI Assited 3D Ultrasound for Oculofacial Emergencies
127	Eunyoo	Kim	United States	Saturday	Multivariate Analysis of Outcomes of Cataract Surgery and Socioeconomic Factors in 17 Countries
88	Margarita	Labkovich	United States	Saturday	Patient Experiences in Ophthalmic Workflows with Virtual Reality Compared to In-Office Standard Testing
33	Van	Lansingh	United States	Friday	Global Variation in Cataract Surgery Wetlab Costs
89	James	Law	United States	Saturday	The Neutrophil-Lymphocyte Ratio in Pediatric Pre-septal versus Orbital Infectious Cellulitis
90	Karolina	Leziak	United States	Saturday	Patient Glaucoma Awareness and Knowledge: Insights from Kingston, Jamaica
91	Eric	Li	United States	Saturday	Evaluating Ophthalmologic Needs, Barriers to Care, and Health Literacy in a Mission Medicine Setting: Insights from Roatan, Honduras
34	Alejandra	Lopez Medina	Mexico	Friday	Quality of Life-Related to Vision and Visual Acuity in Post-Corneal Transplant Patients at General Hospital of the State of Sonora (GHSS) in Sonora, Mexico
92	Webner	Louis	Haiti	Saturday	Anatomo-Functional Results of Manual Small Incision Cataract Surgery at Vision Plus Clinic - Gonaives, Haiti, 2021-2023
35	Ishani	Majmudar	United States	Friday	A Videographic and Microbiologic Evaluation of Eyedrop Administration in Clinics by U.S. Ophthalmic Technicians (Paramedical Personnel) and Physicians
93	Shivani	Majmudar	United States	Saturday	Social Determinants of Pediatric Keratoplasty Outcomes
36	Lakshana	Malla Lokanathan	India	Friday	Envisioning Tomorrow's Eye Health: Implementing Motion Sensor Technology in Slit Lamps for Sustainable Ophthalmology and Healthier Future
37	Zahra	Markatia	United States	Friday	Pilot Study in Global Ophthalmology: Imaging the Optic Nerve with the Smartphone as a Glaucoma Screening Tool in Clinically Underserved Areas
94	Zahra	Markatia	United States	Saturday	The Effect of Face Masks on the Ophthalmologist-Patient Relationship During the COVID-19 Pandemic
95	Dylan	McBee	United States	Saturday	Diabetic Retinopathy Screening Rates at Student-Run Clinics in the United States: A Systematic Review and Meta-Analysis
38	Baxter	McLendon	Belize	Friday	Belize Council For The Visually Impaired
128	Zoha	Mian	United States	Saturday	Understanding the Impact of Monocular Severe Vision Impairment and Blindness Caused by Fungal Keratitis in Tanzania
96	Abhiniti	Mittal	United States	Saturday	Prospective Validation of Computer Vision and Multimodal Deep Learning for Differentiating Bacterial and Fungal Keratitis

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97	John	Morse	United States	Saturday	Risk Factors for the Development of Diabetic Retinopathy in Tanzania
98	Debdas	Mukhopadhyay	India	Saturday	Angle Occludability Probability Assessment by Anterior Segment Spectral Domain Ocular Coherence Tomography and its Changes After Pilocarpine Drop Prompted by Limbal Anterior Chamber Depth Assessment by Van Herick Method in Clinical Set Up
99	Tochukwu	Ndukwe	United States	Saturday	Understanding the Healthcare Experience of Spanish Speaking Patients with Non English Language Preference in Ophthalmology
100	Phuc	Nguyen	Vietnam	Saturday	Characteristics of Pseudomonas Aeruginosa Keratitis at Ho Chi Minh Eye Hospital
40	Dai	Nguyen Quang	Vietnam	Friday	Development and Validation of an Artificial Intelligence System to Detect Referable Glaucoma from Fundus Photographs in a Southern Vietnamese Population
41	Sara	O'Connor	United States	Friday	Impact of Free Reading Glasses on Work and Visual Function Following Cataract Surgery in Honduras: The POWER (Post-Operative Work-related Effect of Reading glasses) Randomized Controlled Trial – Preliminary Findings
101	Ikesinachi	Osuorah	United States	Saturday	Socioeconomic Health Disparities in Rhegmatogenous Retinal Detachment During COVID-19: A Single-Center Retrospective Study
102	Agnes	Owete	United States	Saturday	High prevalence of angle closure glaucoma in a tertiary eye service in Burundi: a retrospective, observational study.
42	Landon	Paskett	United States	Friday	Outcomes for International Medical Graduates and Osteopathic Physicians in the U.S. Ophthalmology Residency Match
103	Umangi	Patel	United States	Saturday	Global Ophthalmology Curriculum in Residency Training: An Interdepartmental Global Education Initiative
43	Thuong	Phan	Vietnam	Friday	Application Clinical Characteristics and Anti-Fungal Susceptibility in Diagnosis and Treatment Fungal Keratitis
44	Viana	Phan	United States	Friday	Age-specific Gender Differences in Incidence of Acquired Nasolacrimal Duct Obstruction in Saudi Arabia
45	Rajeev	Ramchandran	United States	Friday	Identifying Socioeconomic and Demographic Factors Associated with Diabetic Eye Exam Gaps Leveraging Geographic Information Systems
104	Amber	Randolph	United States	Saturday	Snapshot of ophthalmic findings in a marginalized community at a Chicago public vision screening
105	Nicolle	Ruiz	Honduras	Saturday	Health Equity: Creating Access to Oculoplastic Surgery in Honduras
46	Japmehr	Sandhu	India	Friday	Feasibility of Scaling- Up School Eye Screening Programs in India
106	Japmehr	Sandhu	India	Saturday	Primary Preparation: Common Ophthalmological Complaints at Comprehensive Health Camps in the Himalayas
47	Simran	Sarin	United States	Friday	Trans-national corneal donations to Pakistan and Afghanistan have increased access to care, expanded ophthalmology departments, and motivated local procurement strategies
48	Haider	Sarwar	United States	Friday	Analysis of perspectives and resident education on manual small incision cataract surgery at a "safety-net" hospital affiliated with a U.S. ophthalmology residency

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Poster Number	First Name	Last Name	Country	Poster Date	Title
107	Melanie	Scheive	United States	Saturday	Influence of Logistical Supplies on Military Ophthalmology Health Engagement Missions
108	Amirmohammad	Shafiee	United States	Saturday	Systematic Review of Racial and Gender Disparities in Clinical Trial Representation for Intravitreal Anti-VEGF Therapy in Age-Related Macular Degeneration
109	Shalini	Shah	United States	Saturday	Exploring Senior Residents' Experience and Confidence on Local and Global Community Outreach
110	Mohammed Mehdi	Shahid	United States	Saturday	Outcomes in a Community School Eye Examinations for Low-Income Grade School Children
49	Fatma	Shakarchi	Iraq	Friday	Magnitude and Causes of Blindness and Visual Impairment in the Eastern Mediterranean Region (EMR) and the Middle East North Africa (MENA): A Comprehensive Review
111	Fatma	Shakarchi	United Kingdom	Saturday	Ophthalmic Workforce Distribution and Productivity: Insights from the EMR and MENA Regions
112	Kirsten	Simmons	United States	Saturday	Ocular and Orbital Trauma Emergency Department Visits and Hospitalizations at Kingston Public Hospital
113	Meghan	Smith	United States	Saturday	Artificial Intelligence and Trachoma: A Refined Trachoma Multilabel Classification Deep Learning Model
83	Blake	Snyder	United States	Saturday	Creating, implementing, and validating a novel publicly available eye health resource for training local community healthcare workers worldwide, the Honduras experience
51	Arvind	Sommi	United States	Friday	Incidence of Diabetic Retinopathy in Type 2 Diabetes Patients Initiated on GLP-1 Agonists
114	Arvind	Sommi	United States	Saturday	Otological Comorbidities of Amblyopia
52	Amy	Song	United States	Friday	Comparing Costs of Water Consumption for Cataract Surgery Hand Antisepsis in US Ambulatory Surgical Centers
115	Sheena	Song	United States	Saturday	Comparison of Rates of Endophthalmitis following Cataract Surgery in Operating Rooms With and Without Laminar Air Flow and HEPA filters
53	William	Sponsel	Guatemala	Friday	Reports from recently opened eye clinic and surgery center in rural predominant Mayan descent indigenous population in Guatemala, Central America.
116	William	Sponsel	Malawi	Saturday	Profound Efficacy of Selective Laser Trabeculoplasty in the Reduction of Intraocular Pressure in Glaucomatous Eyes in a Rural Sub-Saharan Population
54	Rasika	Sudharshan	United States	Friday	Mapping Reports of Filler Complications Globally
117	Karen	Sun	United States	Saturday	Barriers to Adherence with Corticosteroid Eye Drops in Patients with Uveitis
118	Clare	Szalay Timbo	Canada	Saturday	Exploring the Impact of Orbis Future Vision Leaders Program on Global Ophthalmology Engagement Among Medical Students and Residents
119	Sarah	Tajran	United States	Saturday	Assessing the Needs and Optimizing Ophthalmic Care in Santiago Sacatepéquez, Guatemala.

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120	Saron	Tedla	United States	Saturday	Language and communication barriers in pediatric eye care in rural Thailand
121	Smaran	Teru	United States	Saturday	Clinical profile and magnitude of chronic eye disease: An electronic medical record-driven big data analytics from an eye care network in India
122	Jared	Tuttle	United States	Saturday	Unite for Sight: A Model for Medical Student Involvement in Global Ophthalmology
123	Joannah	Vaughan	United States	Saturday	A Comparison of Photoscreening and LEA Chart Vision Screening in the Pediatric Population
124	Akshay	Wagh	India	Saturday	Utilization of Upcycled Smartphones for Screening Posterior Segment Disease in Outreach Settings
56	Dorothy	Wang	United States	Friday	Examining the Prevalence and Characteristics of Ophthalmic Problems Among East African Refugees: A Cross-Sectional Survey Investigation
57	Elanor	Watts	United Kingdom	Friday	Improving Presbyopia Correction in Low- and Middle-Income Countries: A Survey of International Expert Opinion
125	Noelle	Whitestone	United States	Saturday	Facilitators and Barriers to Sustainable Implementation of an Artificial Intelligence-based Diabetic Retinopathy Screening Program: A Qualitative Evaluation
58	Catherine	Xie	United States	Friday	Program Evaluation of Student Run Ophthalmology Workshop
59	Caleb	Yeh	United States	Friday	El Nino Southern Oscillation, Climate Change, and Associations with Ocular Infectious Diseases
60	Daniel	Zhu	United States	Friday	Outcomes of Micropulse Laser Trabeculoplasty Compared to Selective Laser Trabeculoplasty: A Systematic Review and Meta-Analysis
61	Thokozani	Zungu	Malawi	Friday	Assessment of Management Systems for Glaucoma Services in Malawi
39				Friday	
50				Friday	